

Title (en)
Diaphragm valve.

Title (de)
Membranventil.

Title (fr)
Soupape à diaphragme.

Publication
EP 0457755 B1 19950104 (DE)

Application
EP 91890111 A 19910516

Priority
AT 109790 A 19900517

Abstract (en)
[origin: EP0457755A1] A diaphragm valve has a diaphragm 6, which consists of metallic material, is welded to a metallic sealing body 5 and can be moved with respect to a valve seat 4 by means of a spindle 14, the diaphragm 6 being welded externally to an annular body 8. In order to obtain surfaces touching the product which are as small and smooth as possible, both the outer and the inner edge of the diaphragm 6 are bent in the direction towards the sealing body axis 5' and are welded without any breaks to the annular body 8 and to the sealing body 5. <IMAGE>

IPC 1-7
F16K 41/12

IPC 8 full level
F16K 41/12 (2006.01)

CPC (source: EP US)
F16K 41/12 (2013.01 - EP US)

Cited by
WO9403747A1

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI LU NL

DOCDB simple family (publication)
EP 0457755 A1 19911121; EP 0457755 B1 19950104; AT 394626 B 19920525; AT A109790 A 19911015; DE 59104119 D1 19950216; US 5083750 A 19920128

DOCDB simple family (application)
EP 91890111 A 19910516; AT 109790 A 19900517; DE 59104119 T 19910516; US 70290291 A 19910517